



U.S. Department
of Transportation
**Research and
Special Programs
Administration**

400 Seventh St., S.W.
Washington, D.C. 20590

JAN 9 2001

DOT-E 8074
(FOURTH REVISION)

EXPIRATION DATE: October 31, 2002

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Matheson Gas Products
East Rutherford, NJ

(See Appendix A to this document for a list of additional grantees)

2. PURPOSE AND LIMITATION: This exemption authorizes the transportation in commerce of certain flammable and nonflammable gases in DOT specification cylinders without safety relief devices. This exemption provides no relief from any regulation other than as specifically stated herein.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.34(d).
5. BASIS: This exemption is based on the application of Matheson Gas Products dated November 27, 2000, submitted in accordance with § 107.109.
6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous materials description -- proper shipping name	Hazard Class/ Division	Identi- fication Number	Packing Group
Carbon dioxide	2.2	UN1013	N/A
Chlorotrifluoromethane	2.2	UN1022	N/A
Ethane	2.1	UN1035	N/A
Ethylene, compressed	2.1	UN1962	N/A
Hydrogen chloride, anhydrous	2.3	UN1050	N/A

Hazardous materials description -- proper shipping name	Hazard Class/ Division	Identi- fication Number	Packing Group
Nitrous oxide	2.2	UN1070	N/A
Vinyl fluoride, inhibited	2.1	UN1860	N/A

7. SAFETY CONTROL MEASURES:

a. PACKAGING -Packaging prescribed is a DOT Specification 3E cylinder measuring 2 inches in diameter by 12 inches long without a safety relief device.

b. OPERATIONAL CONTROLS - The cylinder must be charged as follows:

<u>Commodity</u>	<u>Maximum Weight Limit</u>
Carbon dioxide, liquefied	8 oz.
Ethane	4 "
Ethylene	4 "
Hydrogen chloride, anhydrous	8 "
Nitrous oxide	8 "
Vinyl Fluoride	8 "
Monochlorotrifluoromethane	12 "

8. SPECIAL PROVISIONS:

a. A person who is not a holder of this exemption who receives a package covered by this exemption may reoffer it for transportation provided no modifications or changes are made to the package and it is reoffered for transportation in conformance with this exemption and the HMR.

b. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.

c. MARKING - Each cylinder and each outside packaging must be durably marked "DOT-E 8074".

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, rail freight, cargo vessel, and cargo aircraft only.

JAN 9 2001

10. MODAL REQUIREMENTS:

a. A current copy of this exemption must be carried aboard each cargo vessel and aircraft used to transport packages covered by this exemption. The shipper must furnish a copy of this exemption to the air carrier before or at the time the shipment is tendered.

b. Hydrogen Chloride, anhydrous is prohibited by cargo aircraft.

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Registration required by § 107.601 et seq., when applicable.


Each "hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incident involving the package and shipments made under the terms of this exemption.

JAN 9 2001 Page 4

Issued in Washington, D.C.:



for Robert A. McGuire
Associate Administrator
for Hazardous Materials Safety

JAN 9 2001
(DATE)

Address all inquiries to: Associate Administrator for Hazardous
Materials Safety, Research and Special Programs Administration,
Department of Transportation, Washington, D.C. 20590.
Attention: DHM-31.

The original of this exemption is on file at the above office.
Photo reproductions and legible reductions of this exemption are
permitted. Any alteration of this exemption is prohibited.

PO: AM

MAY 18 2001

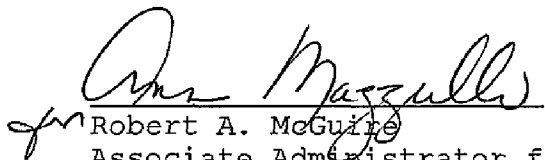
Continuation of DOT-E 8074 (4th Rev.) APPENDIX A

Page 5

The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with § 107.107 or § 107.109, as appropriate:

MAY 18 2001

Company Name City/State	Application Date	Issue Date	Expiration Date
Air Products and Chemicals, Inc. Allentown, PA	10/10/2000	11/2/2000	10/31/2002
Air Liquide America Corporation Houston, TX	11/30/2000	12/7/2000	10/31/2002
Gas Tech, Inc. Hillside, IL	4/30/2001	MAY 18 2001	10/31/2002
Praxair Distribution, Inc. Tonawanda, NY	5/1/2001	MAY 18 2001	10/31/2002


for Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety